<110> FISCHER, GERALD W.

WONG, HING

SCHUMAN, RICHARD F. STINSON, JEFFREY R.

<120> OPSONIC AND PROTECTIVE MONOCLONAL AND CHIMERIC ANTIBODIES SPECIFIC FOR LIPOTEICHOIC ACID OF GRAM POSITIVE BACTERIA

SEQUENCE LISTING

- <130> SYNI-003CN
- <140> 10/601,171
- <141> 2003-06-23
- <150> 09/097,055
- <151> 1998-06-15
- <150> 60/049,871
- <151> 1997-06-16
- <160> 89
- <170> PatentIn Ver. 3.3
- <210 > 1
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Arg Gly Ala
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                                      10
                                                                    57
att ggg gcc
Ile Gly Ala
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Ile Gly Ala
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Pro Gly Ala
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Pro Gly Ala
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Gly Ala Trp Arg Met Tyr Phe Ser His Arg His Ala His Leu Arg Ser
                  5
                                      10
                                                           15
cct ggg gcc
                                                                    57
Pro Gly Ala
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Gly Ala Trp Arg Lys Tyr Phe Ser Tyr His His Ala His Leu Cys Ser
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cct ggg gcc
Pro Gly Ala
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cct ggg gcc
Pro Gly Ala
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Pro Gly Ala
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                                                                    57
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Pro Gly Ala
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Pro Gly Ala
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Gly Ala Trp Arg Met Tyr Phe Ser His Arg His Ala His Leu Arg Ser
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                                                          15
cct ggg gcc
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Pro Gly Ala
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Pro Gly Ala
<210> 38
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                                      10
att ggg gcc
                                                                    57
Ile Gly Ala
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Gly Ala Arg Arg His Gly Asn Phe Ser His Phe Phe His Arg Ser Leu
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Ile Gly Ala
<210> 40
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Gly Ala Trp Arg Met Tyr Phe Ser His Arg His Ala His Leu Arg Ser

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cgt ggg gcc
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Arg Gly Ala
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Ile Gly Ala
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<211> 57

gct ggg gcc

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tct ggg gcc
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Ser Gly Ala
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Ser Gly Ala
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                  5
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# Attorney Docket No. SYNI-003CN Ala Gly Ala <210> 49 <211> 19 <212> PRT <213> Artificial Sequence <223> Description of Artificial Sequence: Synthetic peptide <400> 49 Gly Ala Gly Lys Ala Met Phe Ser His Ser Tyr Arg His Arg Gly Ser 10 Ala Gly Ala <210> 50 <211> 57 <212> DNA <213> Artificial Sequence <220> <223> Description of Artificial Sequence: Synthetic oligonucleotide <220> <221> CDS <222> (1)..(57) <400> 50 ggg gct gat tgg att act ttt cat cgt cgt cat cat gat cgt gtt ctt 48 Gly Ala Asp Trp Ile Thr Phe His Arg Arg His His Asp Arg Val Leu 15 1 tct ggg gcc 57 Ser Gly Ala <210> 51 <211> 19 <212> PRT <213> Artificial Sequence <223> Description of Artificial Sequence: Synthetic

Ser Gly Ala

peptide

<400> 51

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                                                          15
                                                                    57
cct ggg gcc
Pro Gly Ala
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Pro Gly Ala
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                                                                    57
gct ggg gcc
Ala Gly Ala
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Ala Gly Ala
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                  5
                                      10
                                                                    57
cgt ggg gcc
Arg Gly Ala
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peptide

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Gly Ala Arg Arg His Gly Asn Phe Ser His Phe Phe His Arg Ser Leu
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                                                          15
                                      10
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att ggg gcc
Ile Gly Ala
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<210> 63

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gct ggg gcc
                                                                   .57
Ala Gly Ala
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Ala Gly Ala
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                                                                    57
ctt ggg gcc
Leu Gly Ala
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Pro Gly Ala

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							gcc Ala									96
							gct Ala 40									144
							aat Asn									192
							atc Ile									240
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							acc Thr 120	_								369
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Ser	Leu	Lys	Leu 20	Ser	Cys	Ala	Ala	Ser 25	Gly	Phe	Thr	Phe	Asn 30	Asn	Tyr	
Ala	Met	Asn 35	Trp	Val	Arg	Gln	Ala 40	Pro	Gly	Lys	Gly	Leu 45	Glu	Trp	Val	
Ala	Arg 50	Ile	Arg	Ser	Lys	Ser 55	Asn	Asn	Tyr	Ala	Thr 60	Phe	Tyr	Ala	Asp	
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Leu Tyr Leu Gln Met Asn Asn Leu Lys Thr Glu Asp Thr Ala Met Tyr

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Glu Lys Val Thr Met Thr Cys Arg Ala Ser Ser Ser Val Asn Tyr Met 20 25 30

His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Lys Pro Trp Ile Ser 35 40 45

Ala Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg Phe Ser Gly Ser 50 55 60

Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Arg Val Glu Ala Glu 65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn Pro Pro Thr 85 90 95

Phe Gly Gly Gly Thr Met Leu Glu Ile Arg 100 105